

ABSTRACT

Digital image enhancement techniques and apparatus are provided that increase the effective resolution of a digital imager without requiring an increase in the number of pixel sensors in the digital imager. Multiple images are captured in succession from the digital imager. The multiple images are compared in order to determine a correlation between the pixels of each image and the pixels of each of the other images. Two or more of the multiple images are employed to produce a single image of greater resolution than the resolution of any single image alone.